E. Remarks

The claims are 1-14, with claims 1 and 10 being independent. Claims 1 and 10 have been amended to better define the present invention and to correct typographical errors. Support for this amendment may be found, inter alia, on pages 35 and 36 in the specification and in Table 1. Claim 4 has been amended to correct a typographical error in one of the listed metals in accordance with Table 1 in the specification. Claims 8 and 9 have been amended to correct a clear grammatical error. No new matter has been added. Reconsideration of the claims is expressly requested.

Applicants have amended the specification to correct the same typographical error as in claims 1, 4 and 10 and authorize the Examiner to make the corrections mentioned on page 5 of the Office Action. Also, Applicants enclose herewith substitute pages 39 and 40 with proper margins. Clearly, no new matter has been added.

The Examiner requested that Applicants affirm their previously made provisional election. This election is hereby affirmed.

Claims 1, 5-10, 13 and 14 stand rejected under 35 U.S.C. § 112, second paragraph, as being allegedly indefinite.

In view of the above amendments to the claims, Applicants respectfully submit that this rejection has been overcome. Specifically, Applicants have clarified that one of the metals is Rh and deleted the phrases deemed unclear by the Examiner. Therefore, it is respectfully requested that the section 112 rejection be withdrawn.

Claims 1 and 5-7 stand rejected under 35 U.S.C. § 102(b) as being allegedly anticipated by Maestri et al., "Photochemistry and Luminescence of Cyclometallated Complexes", pp. 1-68 in Advances in Photochemistry, Volume 17 (1992) (Maestri).

Claims 1, 5-10, 13 and 14 stand rejected under 35 U.S.C. § 102(e) as being allegedly anticipated by U.S. Patent Application Publication No. 2002/0121638 A1 (Grushin). Claims 1, 5-10, 13 and 14 stand rejected under 35 U.S.C. § 102(e) as being allegedly anticipated by U.S. Patent Application Publication No. 2001/019782 A1 (Igarashi '782). Claims 1, 5-10, 13 and 14 stand rejected under 35 U.S.C. § 102(e) as being allegedly anticipated by U.S. Patent Application Publication No. 2002/0034656 A1 (Thompson). These rejections are respectfully traversed, particularly in light of the above amendment to claims 1 and 10.

Maestri discloses a Pt(ppz)(tpy) compound at, for example, page 31. However, this Pt compound is not within the scope of the present claims. Therefore, clearly, Maestri cannot affect the patentability of the presently claimed invention.

Grushin discloses iridium compounds corresponding to Ex. Comp. 267-269, where m=2 and a substituent in L contains fluorine. However, these compounds have been excluded from the claims. Therefore, Grushin cannot affect the patentability of the presently claimed invention.

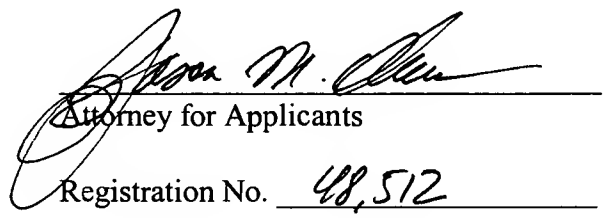
Igarashi teaches a compound of formula (1-15), which corresponds to Ex. Comp. 270 in the subject specification. However, this compound is not within the scope of the present claims. Accordingly, the presently claimed invention is clearly patentable over Igarashi.

Thompson discloses several iridium compounds in Figs. 43 and 50. However, these compounds are not within the scope of the present claims. Therefore, it is clear that Thompson cannot affect the patentability of the presently claimed invention.

Wherefore, Applicants respectfully request that the outstanding rejections be withdrawn and that the present case be passed to issue.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



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... cont. (Table 1)

No	M	m	n	L									L'
				CyN1	X	CyCl	R1	R2	R3	R4	R5	R6	
81	Ir	3	0	Pyl	O	Ph	H	H	H	-			
82	Ir	3	0	Pyl	O	Tnl	H	H	H	-			
83	Ir	3	0	Pyl	O	Tn2	H	H	H	-			
84	Ir	3	0	Pyl	O	Tn3	H	H	H	-			
85	Ir	3	0	Pyl	S	Ph	H	H	H	-			
86	Ir	3	0	Pyl	S	Tnl	H	H	H	-			
87	Ir	3	0	Pyl	S	Tn2	H	H	H	-			
88	Ir	3	0	Pyl	S	Tn3	H	H	H	-			
89	Ir	3	0	Pyl	NR	Ph	H	H	H	-	H		
90	Ir	3	0	Pyl	NR	Tnl	H	H	H	-	H		
91	Ir	3	0	Pyl	NR	Tn2	H	H	H	-	H		
92	Ir	3	0	Pyl	NR	Tn3	H	H	H	-	H		
93	Ir	3	0	Pyl	CO	Ph	H	H	H	-			
94	Ir	3	0	Pyl	CO	Tnl	H	H	H	-			
95	Ir	3	0	Pyl	CO	Tn2	H	H	H	-			
96	Ir	3	0	Pyl	CO	Tn3	H	H	H	-			
97	Ir	3	0	Pyl	CR2	Ph	H	H	H	-	H	H	
98	Ir	3	0	Pyl	CR2	Tnl	H	H	H	-	H	H	
99	Ir	3	0	Pyl	CR2	Tn2	H	H	H	-	H	H	
100	Ir	3	0	Pyl	CR2	Tn3	H	H	H	-	H	H	
101	Ir	3	0	Pa	O	Ph	H	H	-	H			
102	Ir	3	0	Pa	O	Tnl	H	H	-	H			
103	Ir	3	0	Pa	O	Tn2	H	H	-	H			
104	Ir	3	0	Pa	O	Tn3	H	H	-	H			
105	Ir	3	0	Pa	S	Ph	H	H	-	H			
106	Ir	3	0	Pa	S	Tnl	H	H	-	H			
107	Ir	3	0	Pa	S	Tn2	H	H	-	H			
108	Ir	3	0	Pa	S	Tn3	H	H	-	H			
109	Ir	3	0	Pa	NR	Ph	H	H	-	H	H		
110	Ir	3	0	Pa	NR	Tnl	H	H	-	H	H		
111	Ir	3	0	Pa	NR	Tn2	H	H	-	H	H		
112	Ir	3	0	Pa	NR	Tn3	H	H	-	H	H		
113	Ir	3	0	Pa	CO	Ph	H	H	-	H			
114	Ir	3	0	Pa	CO	Tnl	H	H	-	H			
115	Ir	3	0	Pa	CO	Tn2	H	H	-	H			
116	Ir	3	0	Pa	CO	Tn3	H	H	-	H			
117	Ir	3	0	Pa	CR2	Ph	H	H	-	H	H	H	
118	Ir	3	0	Pa	CR2	Tnl	H	H	-	H	H	H	
119	Ir	3	0	Pa	CR2	Tn2	H	H	-	H	H	H	
120	Ir	3	0	Pa	CR2	Tn3	H	H	-	H	H	H	

... cont. (Table 1)

No	M	m	n	L									L'
				CyN1	X	CyC1	R1	R2	R3	R4	R5	R6	
121	Ir	3	0	Py2	O	Ph	H	H	H	H			
122	Ir	3	0	Py2	O	Tn1	H	H	H	H			
123	Ir	3	0	Py2	O	Tn2	H	H	H	H			
124	Ir	3	0	Py2	O	Tn3	H	H	H	H			
125	Ir	3	0	Py2	S	Ph	H	H	H	H			
126	Ir	3	0	Py2	S	Tn1	H	H	H	H			
127	Ir	3	0	Py2	S	Tn2	H	H	H	H			
128	Ir	3	0	Py2	S	Tn3	H	H	H	H			
129	Ir	3	0	Py2	NR	Ph	H	H	H	H	H		
130	Ir	3	0	Py2	NR	Tn1	H	H	H	H	H		
131	Ir	3	0	Py2	NR	Tn2	H	H	H	H	H		
132	Ir	3	0	Py2	NR	Tn3	H	H	H	H	H		
133	Ir	3	0	Py2	CO	Ph	H	H	H	H			
134	Ir	3	0	Py2	CO	Tn1	H	H	H	H			
135	Ir	3	0	Py2	CO	Tn2	H	H	H	H			
136	Ir	3	0	Py2	CO	Tn3	H	H	H	H			
137	Ir	3	0	Py2	CR2	Ph	H	H	H	H	H		
138	Ir	3	0	Py2	CR2	Tn1	H	H	H	H	H		
139	Ir	3	0	Py2	CR2	Tn2	H	H	H	H	H		
140	Ir	3	0	Py2	CR2	Tn3	H	H	H	H	H		
141	Ir	3	0	Pz	O	Ph	H	H	H	H			
142	Ir	3	0	Pz	O	Tn1	H	H	H	H			
143	Ir	3	0	Pz	O	Tn2	H	H	H	H			
144	Ir	3	0	Pz	O	Tn3	H	H	H	H			
145	Ir	3	0	Pz	S	Ph	H	H	H	H			
146	Ir	3	0	Pz	S	Tn1	H	H	H	H			
147	Ir	3	0	Pz	S	Tn2	H	H	H	H			
148	Ir	3	0	Pz	S	Tn3	H	H	H	H			
149	Ir	3	0	Pz	NR	Ph	H	H	H	H	H		
150	Ir	3	0	Pz	NR	Tn1	H	H	H	H	H		
151	Ir	3	0	Pz	NR	Tn2	H	H	H	H	H		
152	Ir	3	0	Pz	NR	Tn3	H	H	H	H	H		
153	Ir	3	0	Pz	CO	Ph	H	H	H	H			
154	Ir	3	0	Pz	CO	Tn1	H	H	H	H			
155	Ir	3	0	Pz	CO	Tn2	H	H	H	H			
156	Ir	3	0	Pz	CO	Tn3	H	H	H	H			
157	Ir	3	0	Pz	CR2	Ph	H	H	H	H	H	H	
158	Ir	3	0	Pz	CR2	Tn1	H	H	H	H	H	H	
159	Ir	3	0	Pz	CR2	Tn2	H	H	H	H	H	H	
160	Ir	3	0	Pz	CR2	Tn3	H	H	H	H	H	H	